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(54) Title: INOSITOL 1,4,5- TRISPHOSPHATE RECEPTOR MUTANTS AND USES THEREOF

(57) Abstract: Disclosed herein are compositions and methods for treating subjects with conditions related to Inositol 1,4,5-trisphosphate receptor (InsP3R). Described herein are mutants of InsP3R, methods of making mutants, and methods of using InsP3R mutants for the treatment of a disease or condition.